

FIG. 1

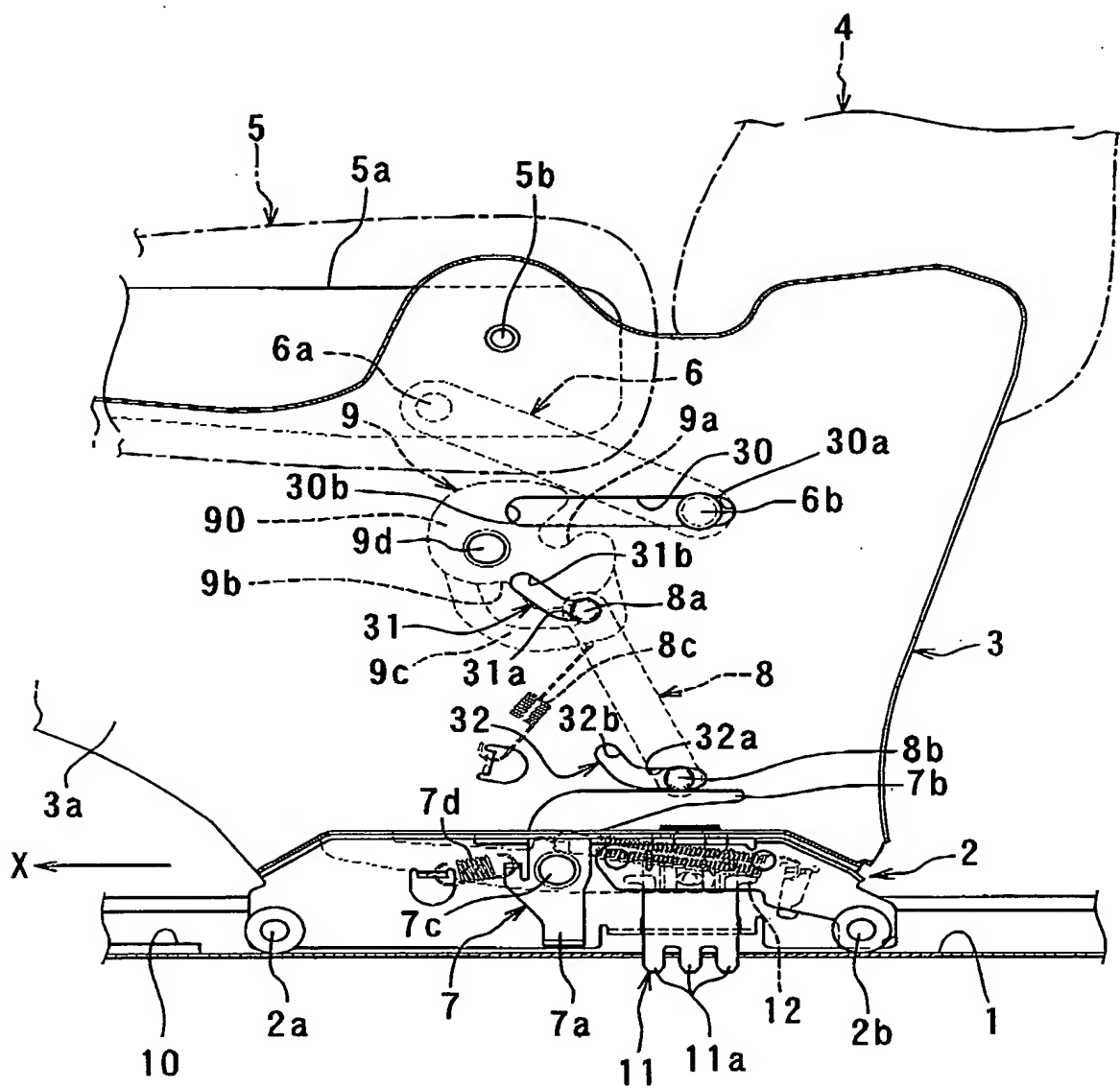


FIG. 2

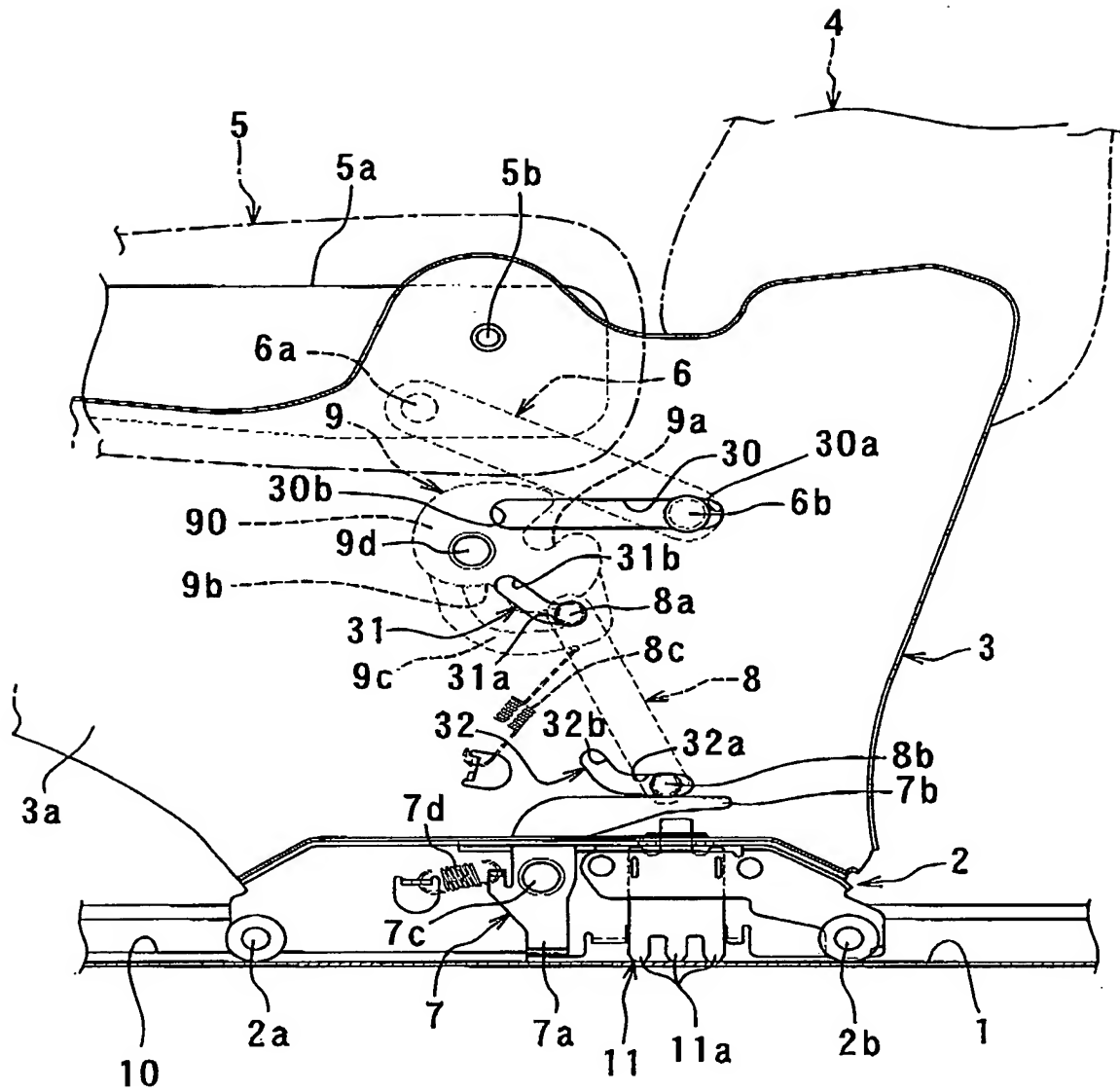


FIG. 3

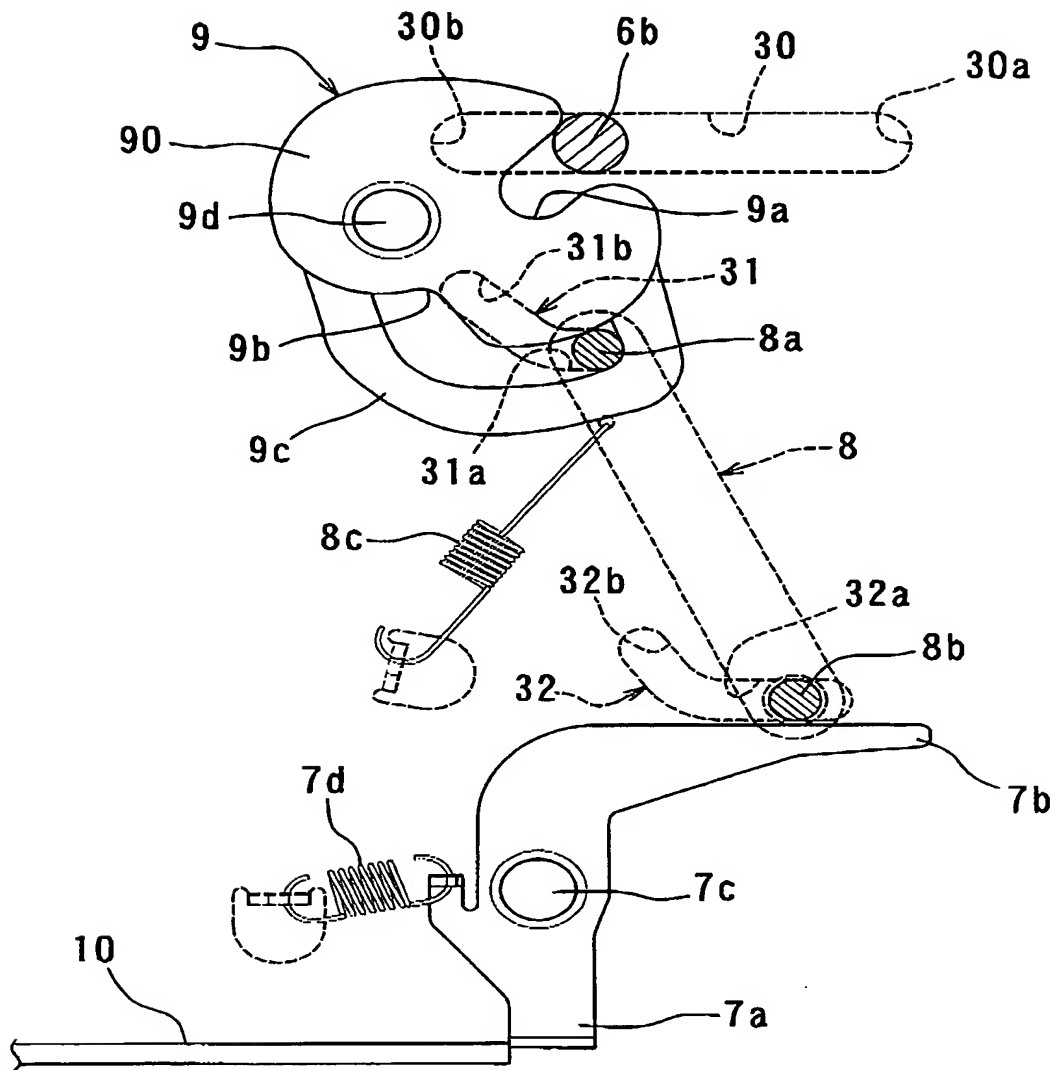
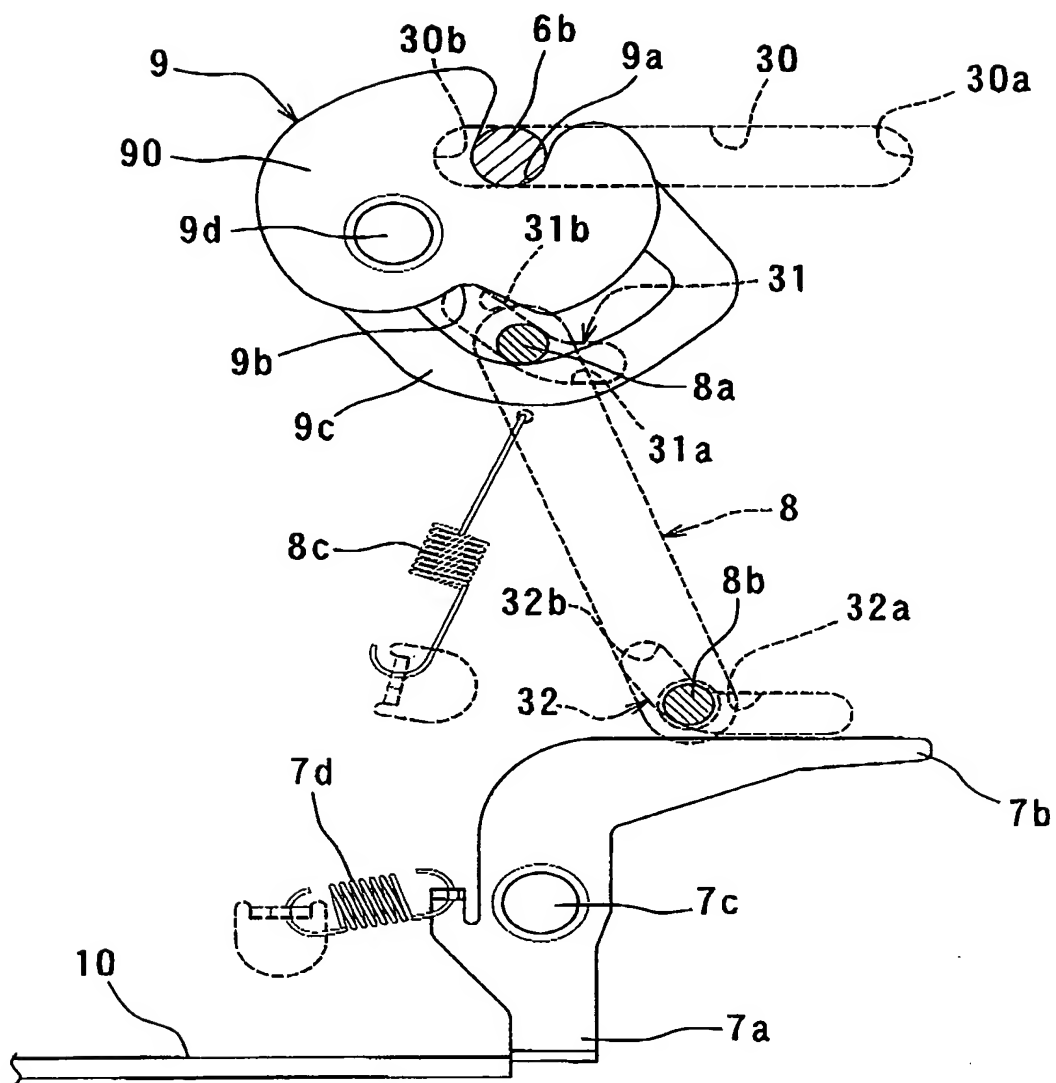


FIG. 4



This diagram shows a side cross-section of a vehicle seat. The main body consists of a seat backrest (5) and a seat cushion (6). The backrest has a lower portion (5a) and an upper portion (5b). The cushion has a front edge (6a) and a rear edge (6b). These are connected by a hinge mechanism (9) located at the rear of the seat. The hinge includes several pivot points (8a, 8b, 8c, 8d) and a spring (8). A horizontal support arm (30) is attached to the backrest, featuring a curved end (30a) and a straight section (30b). This arm is connected to a vertical link (31) which houses a spring (32). The entire assembly is mounted on a base frame (7) via rollers or wheels (2a, 2b). The base frame includes structural elements (1, 10, 11, 11a) and adjustment mechanisms (7a, 7b, 7c, 7d). A dashed line (4) indicates a foldable or adjustable part of the backrest. Other labels include 3, 3a, 3b, 6a, 6b, 9a, 9b, 9c, 9d, and 10.

FIG. 6

